

United States House of Representatives  
Committee on Foreign Affairs

**"TRUTH IN TESTIMONY" DISCLOSURE FORM**

*Clause 2(g) of rule XI of the Rules of the House of Representatives and the Rules of the Committee require the disclosure of the following information. A copy of this form should be attached to your written testimony and will be made publicly available in electronic format, as required by House rules.*

1. Date of Hearing: *May 22, 2018*
2. Your Name: *David Carroll*
3. Organization or organizations you are representing:  
*Gas Technology Institute*
4. Since January 1, 2013, have you or your organization(s) received any Federal grants or contracts (including subgrants and subcontracts) related to the subject of the hearing or your representational capacity at the hearing?  Yes  No *(select one)*
5. Since January 1, 2013, have you or your organization(s) received any contract or payment originating with a foreign government related to the subject of the hearing or your representational capacity at the hearing?  Yes  No *(select one)*
6. If you answered "Yes" to either item 4 or 5, list the source and amount of each grant, contract, or payment. You may list additional grants, contracts, or payments on additional sheets.

*Please see Attachment A that describes the Federal Grants and Contracts that GTI has received since 2013.*

*Please see Attachment B that describes the Foreign Government receipts that GTI has received since 2013.*

7. Are you an active registrant under the [Foreign Agents Registration Act \(FARA\)](#)?  
 Yes  No *(select one)*

Signature: \_\_\_\_\_

*David Carroll*

*Please attach a copy of this form to your written testimony.*

**Attachment A – Question 5: Federal Grants, Cooperative Agreements or Contracts**

<b>Customer Name</b>	<b>Project Start Date</b>	<b>Project Name</b>	<b>Total Project Value</b>	<b>Source of Funds</b>
US Department Of Energy	3/1/2013	Hydrogen Station Performance Evaluation	400,000.00	DOE EERE
US Department Of Energy	10/1/2013	Membrane postcombustion CO2 capture	10,588,758.00	DOE NETL
US Department of Energy-National Energy Technology Laboratory	10/1/2013	Dry Solids Pump Coal Feed Technology Program	2,359,930.00	DOE NETL
TDA Research	12/23/2013	A Low-Cost, High capacity Sorbent for Pre-combustion CO2 Capture	1,400,000.00	DOE NETL
Advanced Research Projects Agency-Energy	2/14/2014	Hybrid Solar Receiver	3,969,400.17	DOE ARPA-E
US Department of Energy-National Energy Technology Laboratory	10/1/2014	Hydraulic Fracturing Test Site	7,613,075.00	DOE NETL
Leidos Inc	10/15/2014	TGER Design Support	565,676.00	DOD
RTI International	10/17/2014	Coal to Jet using AR POX and AR Coal Gasification	2,182,524.00	DOE NETL
TDA Research	10/23/2014	Low cost high-hydrogen syngas production from coal	1,200,000.00	DOE NETL
US Department Of Energy	2/11/2015	Catalytic Conversion of Cellulosic Biomass or Algal Biomass plus Methane to Drop in Hydrocarbon Fuel and Chemicals	1,485,415.00	DOE EERE
US Department Of Energy	2/12/2015	Compressor-less Hydrogen Refueling Station using Thermal Compression	187,842.80	DOE EERE
South Coast Air Quality Management District	4/21/2015	Zero Emission Cargo Transport II Demonstration - DOE	2,813,637.00	DOE EERE
American Superconductor Corporation	6/17/2015	ARPA-E GENSETS FOA-1198 ITC Stirling Heater Head Support	932,960.36	DOE ARPA-E
Houston-Galveston Area Council	7/1/2015	HGAC Zero Emissions Cargo Truck Demonstration Project	3,251,170.00	DOE ARPA-E
US Department Of Energy	8/11/2015	Flue Gas Water Vapor Latent Heat Recovery for Pressurized Oxy-Combustion	1,999,795.00	DOE-FERE
The Research Foundation for the State Univ of New York	8/23/2015	Condensing Flue Gas for Sub-Ambient Evaporative Cooling and Cool Storage	210,000.00	DOE ARPA-E

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US Department Of Energy	9/1/2015	Energy Savings with Acceptable Indoor Air Quality through Improved Air Flow Control in Residential Retrofit	750,000.00	DOE EERE
US Department of Energy-National Energy Technology Laboratory	9/3/2015	Enabling Technologies for Oxy-Fired Pressurized Fluidized Bed Combustor Development	1,995,386.00	DOE NETL
US Army Corps of Engineers	9/16/2015	Gas Engine-driven Heat Pump (GHP) Cold Climate Field Demonstration	856,630.00	DOD
US Army Corps of Engineers	9/16/2015	Energy and Water Efficiency Improvements for Dishrooms in Military Dining Facilities	645,022.00	DOD
Operations Technology Development NFP	9/30/2015	Combined vibration, ground movement, and current sensing detector	276,879.00	DOT PHMSA
US DOT PHMSA	9/30/2015	Statistical Review and Gap Analysis of LNG Failure Rate Table	418,058.00	DOT PHMSA
US DOT PHMSA	9/30/2015	Evaluation of Corroded Cast Iron Pipe	514,140.00	DOT PHMSA
US Department of Energy-National Energy Technology Laboratory	10/1/2015	Energy Efficient GO PEEK Hybrid Membrane Process for Post Combustion Carbon Dioxide Capture	1,999,995.00	DOE NETL
NanoConversion Technologies Inc.	11/16/2015	High Efficiency C-TEC microCHP (ARPA-E GENSETS FOA-0001198)	500,000.00	DOE ARPA-E
Advanced Research Projects Agency-Energy	11/24/2015	REACTOR ENGINE	3,199,931.00	DOE ARPA-E
TDA Research	1/1/2016	Cost Effective Air Separation System	80,024.00	DOE NETL
West Virginia University	4/1/2016	US-China Clean Energy Research Center for WVU	99,000.00	DOE
Petroleum Technology Transfer Council	5/16/2016	RPSEA Technology Dissemination Support	100,908.00	DOE NETL
Advanced Research Projects Agency-Energy	6/16/2016	Methane Soft Oxidation - 2016 ARPA-E project	500,000.00	DOE ARPA-E

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Department of the Army	9/16/2016	Evaluation of Natural Gas, High Efficiency Building Energy Efficiency Technologies for Illinois National Guard Facilities	1,849,916.00	DOD
US Department of Energy-National Energy Technology Laboratory	10/1/2016	Training for Cost-Effective Code-Complaint Maintenance Facilities	749,965.00	DTE-EERL
US Department of Energy-National Energy Technology Laboratory	10/1/2016	Classification of Methane Emissions from Industrial Meters, Vintage vs. New Plastic Pipe, & Plastic-Lined Steel & Cast Iron Pipe	1,090,719.00	DOE NETL
US Department of Energy-National Energy Technology Laboratory	10/1/2016	Methane Mitigation Thermoelectric Generator (MMTEG)	1,212,969.00	DOE NETL
US Department of Energy-National Energy Technology Laboratory	10/1/2016	Supercritical Carbon Dioxide Pilot Plant Test Facility	79,999,226.00	DOE NETL
Quest Integrated Inc	10/13/2016	Development of EMAT Sensors for Corrosion Mapping of Unpiggable Natural Gas Pipelines Using ILI Tools	27,410.00	DOT PHMSA
Quest Integrated Inc	10/13/2016	Development High Performance Gas-Coupled Ultrasonic Transducers for Inspection of Unpiggable Natural Gas Pipelines	27,410.00	DOT PHMSA
LG Fuel Cell Systems Inc.	1/1/2017	SOFC Testing	270,000.00	DOE NETL
US Department of Energy-National Energy Technology Laboratory	1/19/2017	Michigan to Montana (M2M) Corridor Project	4,999,983.00	DOE EERE
WGCJTA, INC	3/15/2017	Transitioning from Black to Blue - Training Displaced Coal Workers for Careers in Utility Operations	589,491.00	ARC
Advanced Research Projects Agency-Energy	4/3/2017	A Novel Catalytic Membrane Reactor for DME Synthesis from Renewable Resources	2,300,000.00	DOE ARPA-E
National Renewable Energy Laboratory	4/6/2017	Improved Hydrogen Dispenser Reliability	58,366.00	DOE
US Department of Energy-National Energy Technology Laboratory	5/1/2017	High Energy Systems for Transforming CO2 to Valuable Products	799,997.00	DOE NETL

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US Department of Energy-National Energy Technology Laboratory	7/1/2017	Dry reforming using atomic layer deposited Ni/alumina catalyst with high methane conversion and durable operation	799,807.00	DOE NETL
TDA Research	8/7/2017	A New Process for Carbon Dioxide Conversion to Fuel	40,000.00	DOE NETL
PPG Industries Inc	8/18/2017	DOE Methane Emissions Mitigation Area 1B - Smart Sensors	333,361.00	DOE NETL
Rensselaer Polytechnic Institute	8/30/2017	A Novel Hollow Fiber Membrane Reactor For High Purity H2 Generation From Thermal Catalytic NH3 Decomposition	394,447.00	DOE ARPA-E
US Trade and Development Agency	9/1/2017	China Fuel Efficient and Safe Technologies for Heavy Duty Vehicles (HDVs) RTM - Fixed Price	179,057.00	USTDA
US Trade and Development Agency	9/1/2017	China Fuel Efficient and Safe Technologies for Heavy Duty Vehicles HDV RTM - Cost Reimbursable	230,943.00	USTDA
Department of the Army	9/15/2017	Evaluation of Natural Gas, High Efficiency Building Energy Technologies for Illinois National Guard Facilities - Phase 2	3,995,772.00	DOD
US Air Force	4/16/2018	GTI Field Skills Training Modules at the Air Force Base in Dover, Delaware	22,500.00	DOD

<b>Attachment B Foreign Government Payments</b>				
<b>Receipts from Foreign Government Payments</b>				
1/1/2013-5/15/2018				
Alberta Innovates	CAN	2018	\$ 2,018.00	
		2017	\$ 478,071.87	
		2016	\$ 364,247.66	
Bird Foundation	ISR	2016	\$ 2,061.00	
		2013	\$ 106,598.00	
Yangquan Coal Mining	CHN	2018	\$ 5,400,000.00	
		2017	\$ 7,200,000.00	
		2016	\$ 3,047,608.00	
CCEMC	CAN	2017	\$ 87,677.64	
		2015	\$ 147,500.00	
		2014	\$ 135,196.03	
Natural Resources Canada	CAN	2018	\$ 13,894.00	
		2013	\$ 1,124.35	
Sabir Global	NET	2018	\$ 1,046,365.74	
		2017	\$ 2,667,371.85	
		2016	\$ 175,901.65	
Cenagas	MEX	2017	\$ 4,200.00	
		2016	\$ 2,450.00	
Instituto De Energia E Am	BRA	2016	\$ 1,250.00	
Energy Market Authority	SIN	2014	\$ 400.00	
		2013	\$ 375.00	

Petrobras	BRA	2014	\$	29,500.00	
		2013	\$	1,395.00	
Government of Hong Kong	HOK	2013	\$	3,315.00	
Center for Research	GRE	2017	\$	1,295.00	
Centro Nac De C	MEX	2018	\$	4,700.00	
		2017	\$	4,200.00	
Korea Electric Power Corp	KDP	2018	\$	250,000.00	
		2017	\$	250,000.00	
Nigerian Gas	NIE	2018	\$	2,250.00	
		2017	\$	4,400.00	
Natural Resources Canada- Third Party In-Kind (cost sharing) (No Payments received by GTI):					
		2016	\$	1,006,177.03	